

# CENTER FOR HEAT TREATING EXCELLENCE

## *Fall Meeting*

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**Worcester Polytechnic Institute  
Higgins Laboratories 102 (HL 102)  
Worcester, MA 01609**

**November 11, 2009**

### *AGENDA*

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| <b>7:45 – 8:00 a.m.</b>   | <b>Registration and Continental Breakfast</b>  |
| <b>8:00 – 8:20 a.m.</b>   | <b>Welcome and Update from CHTE Board Chair</b><br><i>M. Nallen</i>                            |
| <b>8:20 - 8:45 a.m.</b>   | <b>Opening Comments – Update on WPI/MPI/and CHTE</b><br><i>D. Apelian</i>                      |
| <b>8:45 – 9:20 a.m.</b>   | <b>Atmosphere vs. Vacuum Carburizing Fatigue Test Comparison</b><br><i>R. Sisson / K. Rong</i> |
| <b>9:20 – 10:10 a.m.</b>  | <b>High Pressure Hydrogen Quenching</b><br><i>K. Rong</i>                                      |
| <b>10:10 – 10:40 a.m.</b> | <b>Break</b>   |
| <b>10:40 – 11:30 a.m.</b> | <b>Carbonitriding and Subcritical/Ferritic Nitrocarburizing</b><br><i>R. Sisson</i>            |
| <b>11:30 – 12:30 p.m.</b> | <b>Buffet Lunch</b>  |
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**12:30 p.m.**

**Break Into Focus Group Meetings**

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**12:30 – 1:30 p.m**

**Atmosphere vs. Vacuum Carburizing Fatigue Test Comparison** (*R. Sisson*)  
**Location: HL 102**

**1:30 – 2:30 p.m.**

**High Pressure Hydrogen Quenching**  
***Continuation of Project*** (*K. Rong*)  
**Location: Peterson Room, Campus Center**

**1:30 – 2:30 p.m.**

**Carbonitriding and Subcritical/Ferritic Nitrocarburizing** (*R. Sisson*)  
**Location: HL 102**

**2:30 – 2:45 p.m.**

**Break**

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**2:45 - 3:30 p.m.**

**Report Back by All Focus Groups  
Reconvene**

**3:30 p.m.**

**Adjourn**

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